

Certification: IgCC Plans Examiner with ASHRAE 189.1



Exam ID: G5

- 60 multiple-choice questions
- 2-hour limit
- Open book

01 ADMINISTRATION 10%

0101 Project Administration 7%

Inspect for all construction compliance with plans, specifications, and other project information as provided and confirm that all is complete. Verify that any project changes are designed by approved persons when required, and have required approvals.

0102 Public Information and Legal 3%

For new and existing structures, inspect and answer questions about the need for additional permits and inspections, including special inspections and structural observations, and general code compliance of designs, procedures, and materials. Inspect and identify any and all aspects of environmental impact to the project.

02 LAND AND SITE PLANNING 22%

0201 Scope 5%

Inspect the site and verify the building or structure location is in compliance with the requirements and scope and intent of the code as compared to the plans.

0202 Preservation of Natural Resources 7%

Inspect and verify the development is located in the designated area and has limited or no adverse effect on the natural resources, including the water table, flood plain, storm water,

0203 Transportation Impact 5%

Verify the impact of transportation, which includes bicycles and motorized vehicles in addition to walkways.

0204 Heat Island and Site Lighting 5%

Inspect for compliance of hardscape, trees, and solar impact on the site to the code. Inspect any site lighting associated with development. Inspect the permeability compliance of soils and environmental use of landscape practices.

03	CONSERVATION & EFFICIENCY OF MATERIALS	43%
0301	<u>Material Conservation</u> Inspect the material and waste plans for compliance with the code, including verification of proper disposal of hazardous waste.	7%
0302	<u>Energy Conservation</u> Verify the zEPI values comply with the code and that energy use metering and reporting complies with the intent of the code.	23%
0303	<u>Water Conservation</u> Verify that the practice of water conservation practices during and after project development meet the intent of the code while using the practices set forth in the code.	10%
0304	<u>Alternative Materials and Methods</u> Verify compliance of alternative materials and methods used in construction.	3%
04	INDOOR AIR QUALITY	25%
0401	<u>Mechanical and Lighting Systems</u> Inspect all heating, ventilation, and cooling equipment and lighting practices for code	15%
0402	<u>Moisture and Pollution Control Measures</u> Inspect all moisture and pollution control measures for compliance with the plans and provisions of the code.	10%